



RAINBOW

EPOXY SPLASH ZONE COATING

PRODUCT NUMBER	1085SP
TYPE	A two-pack and spray-type of high solids corrosion preventive coating based on special epoxy resin.
USES	Used for steel and concrete structures located at shore exposed and immersed in water, harbor facilities, splash zone.
CHARACTERISTICS	<ol style="list-style-type: none">1. Very good permeability for wet or rusted surface, can inhibit corrosion and rusting speed.2. Excellent resistance to water and cathodic protection.3. Hard and tough film with excellent abrasion resistance.4. Excellent resistance to oils and chemicals.5. 1000 microns of dry film can be obtained by one coat spray.
FINISH	Flat
COLOR	Desired colors
MASS DENSITY	Above 1.4 Kg/L (mixture, depending on colors)
VISCOSITY	Above 120 KU (mixture, 25°C)
DRYING TIME	Set-to-touch 2 hrs. Dry hard 8 hrs. Fully cured 7days (25°C)
OPTIMUM FILM THICKNESS	Wet 1660 microns Dry 1500 microns
VOLUME SOLIDS	Above 90%
THEORETICAL COVERAGE	0.6 m ² /L 0.43 m ² /Kg
OVERCOATING INTERVALS	Min. 12 hrs. Max. 7 days (20°C)
MIXING RATIO	Base : hardener = 86.7 : 13.3 (by wt.)
THINNER	No.1005 Epoxy Thinner (SP-12) (Only for cleaning tools)
PRECEDING COATS	No.700 Moisture Cured Polyurethane Maintenance Primer No.1073 Epoxy Clear Cement Primer
SUBSEQUENT COATS	Epoxy or Polyurethane system
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
APPLICATION METHOD	Airless spray
FOR AIRLESS SPRAY	Tip Size 0.035" ~ 0.045" Air pressure 5~6 Kg/cm ² Pump Ratio 60 : 1 or greater
NOTE	<ol style="list-style-type: none">1. Mix base and hardener according to the mixing ratio and stir thoroughly.2. All equipment must be cleaned immediately after use.3. When used inside tanks, sufficient ventilation must be provided.4. The water if had on the surface of cement or steel substrate must be removed thoroughly.5. The rise of moisture of cement surface will generate pressure to make adhesion fail.6. The cement surface adhered moss, dust or grease must be used high jet water at 3000-4000 psi or with a manual or powered steel brush to remove clean.

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